

101085 to 101090—Continued.

101089. *MADHUCA INDICA* Gmel. (*Bassia latifolia* Roxb.). Sapotaceae. Mahwa.

A tree, native to India, with a short trunk and many spreading branches, forming a dense rounded crown 40 to 50 feet high. The flowers have a velvety chocolate-colored calyx and a pale-cream colored corolla with thick juicy petals which are used as food.

101090. *SORINDEIA JUGLANDIFOLIA* (Rich.) Planch. Anacardiaceae.

A glabrous shrub or small tree, native to tropical Africa. The unequally pinnate leaves are made up of 7 to 11 oblong-elliptical coriaceous leaflets 2 to 4 inches long, and the inconspicuous flowers are followed by fleshy fruits that are said to be eaten by the natives.

101091. *BAUHINIA MALABARICA* Roxb. Caesalpiniaceae.

From French Indo-China. Seeds presented by M. Poilane, Institut des Recherches Agronomiques de l'Indochine, Division de Botanique, Tonkin. Received September 9, 1932.

A small, erect, bushy tree, native to southeastern Asia, with thick rigid deeply bifid somewhat heart-shaped leaves 2 to 3 inches long. The small white flowers are in dense sessile axillary clusters. The rather turgid straight firm narrow pods are a foot long.

For previous introduction see 94181.

101092. *AGASTACHE RUPESTRIS* (Greene) Standl. Menthaceae.

From Arizona. Seeds collected near Payson by Mrs. W. B. Collom and presented by W. R. Maxon, Smithsonian Institution, Washington, D.C. Received September 12, 1932.

An aromatic perennial herb 1 to 3 feet high, native to the mountains of southwestern New Mexico. The linear-lanceolate entire leaves are about 2 inches long, and the greenish, red-purple tubular flowers, 1 inch long, are borne in loose panicles.

101093. *PERSEA AMERICANA* Mill. Lauraceae. Avocado.

From Mexico. Plants raised from seed obtained in Mexico by A. G. Galloway, Bureau of Plant Quarantine. Received September 9, 1932.

A collection of thin-skinned types.

101094. *PHOENIX HANCEANA* Naudin. Phoenicaceae. Date palm.

From England. Seeds presented by the Royal Botanic Gardens, Kew. Received September 7, 1932.

A Chinese relative of the date palm; it has short tufted stems and pinnate foliage.

101095. *ARUNDINARIA* sp. Poaceae. Bamboo.

From Japan. Seeds purchased from T. Sakata & Co., Yokohama. Received September 13, 1932.

Received as *Bambusa chino*.

101096 to 101100. *AMYGDALUS COMMUNIS* L. Amygdalaceae. Almond.

From Africa. Seeds presented by J. B. Plessis, Chef du Jardin d'Essais, Sfax, Tunisia. Received September 15, 1932.

A collection of almonds from trees in the Botanical Garden of Sfax.

101096. *Abiod*.

101097. *Constantini*.

101096 to 101100—Continued.

101098. *Grosse Tendre*.

101099. *Guernatzel Corne de Gazelle*.

101100. *Zaaf*.

101101 to 101108.

From New Zealand. Seeds presented by J. W. Hadfield, agronomist, Fields Division and Plant Research Station, Department of Agriculture, Palmerston North. Received September 16, 1932.

A collection of New Zealand-grown certified pasture seeds, introduced for comparison with varieties and strains generally used in this country.

101101. *AGROSTIS TENUIS* Sibth. Poaceae. Brown top.

For previous introduction see 100232.

101102 and 101103. *DACTYLIS GLOMERATA* L. Poaceae. Orchard grass.

New Zealand cocksfoot, a permanent pasture grass.

101104 and 101105. *LOLIUM PERENNE* L. Poaceae. Perennial ryegrass.

101104. Certified mother seed.

101105. Permanent pasture seed.

101106. *TRIFOLIUM PRATENSE* L. Fabaceae. Red clover.

New Zealand certified *Montgomery Late*.

101107 and 101108. *TRIFOLIUM REPENS* L. Fabaceae. White clover.

101107. Certified mother seed.

101108. Certified permanent pasture seed.

101109. *SCHISMOCARPUS PACHYPUS* Blake. Loasaceae.

From Mexico. Plants collected by G. N. Collins and J. H. Kempton, with the Allison V. Armour expedition to Mexico and the West Indies, 1931. Received April 15, 1931. Numbered in September 1932.

No. 9192. A rather fleshy, herbaceous perennial about 20 inches high, with a tuberous root about 3 inches in diameter, alternate ovate leaves, and a terminal panicle of rather large yellow flowers. Native to Oaxaca, Mexico.

101110 and 101111. *FRAGARIA* spp. Rosaceae. Strawberry.

From Germany. Plants presented by Karl Lüpke, Lemgo in Lippe. Received September 20, 1932.

101110. *FRAGARIA* sp.

Deutsch Ebern.

101111. *FRAGARIA* sp.

Oleeschlesien.

101112 to 101114. *ALLIUM* spp. Liliaceae.

From China. Seeds and bulbs presented by Tai Yih Wang, of the Sun Yat Sen Memorial Park Commission. Received September 20, 1932.

101112 and 101113. *ALLIUM CEPA* L. Onion.

Australia-Brown: the variety most commonly grown in this region was introduced and distributed by the University of Nanking about 20 years ago.

101112. Seed collected in the Sun Yat Sen Memorial Park.

101113. Seed collected from farmers.